

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Stylesheet Version v18.0

Title of Invention

BUS-BASED APPLIANCE REMOTE CONTROL

Application Number:

10/630173

Confirmation Number:

7652

First Named Applicant:

Mark Chuey

Attorney Docket Number: LEAR 04348 PUS / 04348

Search string:

(1522241 or 3098212 or 3300867 or 3337992 or 3680951 or 4074200 or 4241870 or 4425717 or 4447808 or 4535333 or 4581827 or 4598287 or 4623887 or 4631708 or 4635033 or 4676601 or 4707788 or Re32576 or 4727302 or 4747159 or 4754255 or 4771283 or 4793690 or 4825200 or 4881148 or 4882565 or 4886960 or 4890108 or 4896030 or 4905279 or 4917477 or 4953305 or 4978944 or 4988992 or 5016996 or 5064274 or 5113821 or 5122647 or 5123008 or 5126686 or 5181423 or 5225847 or 5266945 or 5369706 or 5379453 or 5408698 or 5463374 or 5812097 or 5841813 or 5103221 or 5146215 or 5201067 or 5243322 or 5252960 or 5252977 or 5420925 or 5471668 or 5517187 or 5564101 or 5594429 or 5598475 or 5680131 or 5686904).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
M	1	1522241	1925-01-06	Hennessey			
	2	3098212	1963-07-16	Creamer, Jr.			
MY)	3	3300867	1967-01-31	Sampson			
	4	3337992	1967-08-29	Tolson			
Clan	5	3680951	1972-08-01	Jordan et al.			
W	6	4074200	1978-02-14	Buchta			
W	7	4241870	1980-12-30	Marcus'			
4	8	4425717	1984-01-17	Marcus			

M	9	4447808	1985-05-08	Marcus
M	10	4535333	1985-08-13	Twardowski
Λ	11	4581827	1986-04-15	Higashi
M	12	4598287	1986-07-01	Osakabe et al.
M	13	4623887	1986-11-18	Welles II
	14	4631708	1986-12-23	Wood et al.
4	15	4635033	1987-01-06	Inukai et al.
7	16	4676601	1987-06-30	Itoh et al.
W	17	4707788	1987-11-17	Tashiro et al.
14	18	Re32576	1988-01-12	Pastore
M	19	4727302	1988-02-23	Mizuta et al.
m	20	4747159	1988-05-24	Kato
m	21	4754255	1988-06-28	Sanders et al.
~	22	4771283	1988-09-13	Imoto
	23.	4793690	1988-12-27	Gahan et al.
3	24	4825200	1989-04-25	Evans et al.
✓	25	4881148	1989-11-14	Lambropoulos et al.
W.	26	4882565	1989-11-21	Gallmeyer
W	27	4886960	1989-12-12	Molyneux et al.
M	28	4890108	1989-12-26	Drori et al.
M	29	4896030	1990-01-23	Miyaji
CA	30	4905279	1990-02-27	Nishio
\mathcal{M}	31	4917477	1990-04-17	Bechtel et al.
M	32	4953305	1990-09-04	Van Lente et al.
M	33	4978944	1990-12-18	Andros et al.
	34	4988992	1991-01-29	Heitschel et al.
W	35	5016996	1991-05-21	Ueno
3	36	5064274	1991-11-12	Alten
W	37	5113821	1992-05-19	Fukui et al.
W	38	5122647	1992-06-16	Lynam et al.
\mathcal{U}_{L}	39	5123008	1992-06-16	Beesley
\mathcal{M}	40	5126686	1992-06-30	Tam
M	41	5181423	1993-01-26	Philipps et al.
M	42	5225847	1993-07-06	Roberts et al.
M	43	5266945	1993-11-30	Peek et al.
F	44	5369706	1994-11-29	Latka

?^	45	5379453	1995-01-03	Tigwell
m	46	5408698	1995-04-18	Serizawa et al.
B	47	5463374	1995-10-31	Mendez et al.
an	48	5812097	1998-09-22	Maldonado
M	49	5841813	1998-11-24	Van Nee
M	50	5103221	1992-04-07	Memmola
M	51	5146215	1992-09-08	Drori
	52	5201067	1993-04-06	Grube et al.
M	53	5243322	1993-09-07	Thompson et al.
W	54	5252960	1993-10-12	Duhame
5	55	5252977	1993-10-12	Lueker et al.
\ <u>/</u> \/	56	5420925	1995-05-30	Michaels
M	57	5471668	1995-11-28	Soenen et al.
₩.	58	5517187	1996-05-14	Bruwer et al.
$\langle V_{ij} \rangle$	59	5564101	1996-10-08	Eisfeld et al.
M	60	5594429	1997-01-14	Nakahara
141	61	5598475	1997-01-28	Soenen et al.
24	62	5680131	1997-10-21	Utz
7	63	5686904	1997-11-11	Bruwer

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Filing Date	July 30, 2003
First Named Inventor	Mark D. Chuey
Group Art Unit	2632
Examiner Name	Unknown
Attorney Docket Number	LEAR 04348 PUS (04348)

	U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.¹	U.S. PATENT DOC Number	CUMENT Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
W		2002/0067826		King	06-06-2002				
M		2002/0140569		van Ee et al.	10-03-2002				
AA		4,743,905		Wiegand	05-10-1988				
Vil		6,486,795		Sobel et al.	11-26-2002				
W		6,703,941		Blaker	03-09-2004				
M		2005/0024184	A1	Chuey	02-03-2005				
M		2005/0024185	A1	Chuey	02-03-2005	•			
de		2005/0024229	A1	Chuey	02-03-2005				
CHI		2005/0024230	A1	Chuey	02-03-2005				
de		2005/0024254	A1	Chuey	02-03-2005				
M		2005/0024255	A1	Chuey	02-03-2005				
de		2005/0026601	A1	Chuey	02-03-2005				
die		2005/0026602	A1	Chuey et al.	02-03-2005				
di		2005/0026605	Al	Guthrie et al.	02-03-2005				
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	FOREIGN PATENT DOCUMENTS									
Examiner Initials	Cite No.1	Foreign Patent Docum	nent Kind Code ^s (if known)		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
717		GB 2 336 433		Mitutoyo Corp.	04-01-1999					
M		GB 2 366 433		US Electronics	05-17-2000					
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^{*}EXAMINER: Initial if reference considéred; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTC/SB/08B (10-96) (reproduced)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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			Patent and Tradem	Tank Office: U.S. DEPARTMENT OF CO	OMMERCE
Substitute for Fo	m 1449B/PTO		Cor	nplete if Known	
			Application Number	10/630,173	
		SCLOSURE	Filing Date	July 30, 2003	
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•			Group Art Unit	2632	
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Sheet	2	of 2	Attorney Docket Number	LEAR 04348 PUS (04348	1)
	OTHER PE	RIOR ART - NON P	ATENT LITERATUR	RE DOCUMENTS	
Examiner Initials	Cite No.¹	Item (book, magazine, journal, s		ticle (when appropriate), title of the ie, page(s), volume-issue number(s), blished.	T²
M			d Examination Report ovember 2, 2004 for I 6789.6.		
M			d Examination Report ovember 2, 2004 for 1 753.2		
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M			ination Document, Ger 3 14 228.2, December		
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PTO/SB/08A (10-96) [MODIFIED]
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Substitute for Form 1449A/PTO			Complete if Known			
			Application Number	10/630,173		
INFORMATION	DISCL	OSURE	Filing Date	July 30, 2003		
STATEMENT BY	Y APPL	ICANT.	First Named Inventor	Mark D. Chuey		
MAY 1 8 2004 Strany sheet			Group Art Unit	2632		
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	U.S. PATENT DOCUMENTS								
		U.S. PATENT	DOCUMENT		Date of Publication of				
Examiner Initials	Cite No.'	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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	FOREIGN PATENT DOCUMENTS								
Examiner InitiAls	Cite No.1	Foreign Pate Office Number 4	nt Document Kind Code ⁶ (if known)		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
41		GB 2 182 7	90 A	Hal Laboratory	10-09-1986				
Vhr		WO 94/0292	0	Siel Eletronica	07-22-1993				
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Substitute for Form 1449B/PTO				Complete if Known				
				Application Number	10/630,173			
	RMATION D			Filing Date	July 30, 2003			
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				Group Art Unit	2632			
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Sheet	2	of	3	Attorney Docket Number	LEAR 04348 PUS (04348	1)		
	OTHER F	RIO	R ART - NON P	ATENT LITERATUR	E DOCUMENTS			
Examiner Initials	Cite No.1		n (book, magazine, journal, s	CAPITAL LETTERS), title of the an erial, symposium, catalog, etc.), dat elisher, city and/or country where put	e, page(s), volume-issue number(s),	T²		
M		1		emote Control User's ologies Inc., 2002.	Instructions (Model			
γ)			Control System Lighti c.com/print/lighting_	ng Kit Installation, print.html.			
W			HomeLink Wireless Control System Frequently Asked Questions, http://www.homelink.com/print/faq_print.html.					
·W			HomeLink Universal 2 Channel Receiver Model PR433-2, Installation Instructions, 114A2437, 2000.					
W			Getting Started with HomeLink, Programming Garage Door Openers and Gates.					
W			meLink Universal ogramming.	Transceiver Lighting	Package	-		
W			crochip HCS360 Kechnology Inc., DS	eeloq Code Hopping Er 540152E, 2002.	acoder, Microchip			
W			<u> </u>	n Introduction to Kee gy Inc., DS91002A, 19				
W		Mo	Chamberlain LiftMaster Professional Universal Receiver Model 635LM Owner's Manual, 114A2128C, The Chamberlain Group, Inc., 2002.					
2		a	Flash2Pass eliminates past garage door opener hassles using a secure and easy-to-install system, Press Release, F2P Electronics, Inc., January 2002.					
in			ash2Pass Easy Set chnologies.	Up Instructions, vo	031003, F2P			
4		Tw		Power Line Interfaction Physics PL/TWTN/1291.				

Examiner Signature	m	Shin	Date Considered	2/	21/06	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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SIAIL	MENT BY	AP	PLICANI	First Named Inventor	Mark D. Chuey		
				Group Art Unit	2632		
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Sheet	3	of	3	Attorney Docket Number	LEAR 04348 PUS (04348)	
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· W	1	Un Re 19	iversity Communic port 282, Neuroco 94,	or ECCM, Simon Haykir cations Research Labo omputing for Signal I	pratory Technical Processing, February		
. ~		ht	ORFM Theory of Operation, KOR Electronics, Inc., http://www.korelectronics.com/product_sheets/theory-of- operations/drfm-theoryofop.htm				
\mathcal{N}	Fabrication Process Combines Low Cost and High Reliability, Murat Eron, Richard J. Perko and R. James Gibson, Microwaves & RF, October 1993.						
)		-	oor Opener Combination Developments, vol. 1	•		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/630,173
Filing Date	July 30, 2003
First Named Inventor	Mark D. Chuey
Group Art Unit	2632
Examiner Name	Unknown
Attorney Docket Number	LEAR 04348 PUS (04348)

U.S. PATENT DOCUMENTS									
xaminer Initials	Cite No.'	U.S. PATENT D	OCUMENT Kind Code ² (Il known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Releval Passages or Relevant Figures Appear			
77		4,247,850		Marcus	01-27-1981	*			
M		4,453,161		Lemelson	06-05-1984				
W		4,595,228		Chu	06-17-1986				
W		4,638,433		Schindler	01-20-1987				
S. C.		5,596,316		Honeck	01-21-1997				
dV		5,613,732		Demick	03-25-1997				
M		5,645,308		Pink	07-08-1997				
M		5,838,255		Di Croce	11-17-1998				
WA		5,854,593		Dykema et al.	12-29-1998				
M		5,926,087		Busch et al.	07-20-1999				
W		5,926,106		Beran et al.	07-20-1999				
ΔM_{\perp}		5,940,120		Frankhouse et al.	08-17-1999				
M		6,055,508		Naor et al.	04-25-2000				
W		6,072,436		Marougi	06-06-2000				
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	FOREIGN PATENT DOCUMENTS									
Examiner Initials	Cite No.1	Office 3	Foreign Patent Do	cument Kind Code ^s (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
MA		GB	2,335,773	A	Dykema et al.	09-29-1999				
M		WO	00/29699		Magna Auteca	05-25-2000				

Examiner Signature M SUL Date Considered VIVI/	106

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Fo

Substitute for Form 1449B/PTO		Complete if Known					
				Application Number	10/630,173		
	RMATION D			Filing Date	July 30, 2003		
SIAII	EMENT BY	AP	PLICANI	First Named Inventor	Mark D. Chuey		
				Group Art Unit	2632		
(use as many sheets as necessary)				Examiner Name	Unknown		
Sheet	2	of	2	Attorney Docket Number	LEAR 04348 PUS (04348	3)	
	OTHER P	RIO	R ART - NON P	ATENT LITERATUR	E DOCUMENTS		
Examiner Initials	Cite No.1	l ite:	m (book, magazine, journal, s	CAPITAL LETTERS), title of the ar- erial, symposium, catalog, etc.), dat slisher, city and/or country where pul	ticle (when appropriate), title of the e, page(s), volume-issue number(s), blished.	T ²	
M			Search and Examination Report Under Sections 17 and 18(3), 25 September 2003				
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449A/PTO		Complete if Known				
		Application Number	10/630,173			
WEERWATION DISC	LOSURE	Filing Date	July 30, 2003			
STATEMENT BY APP	LICANT	First Named Inventor	Mark D. Chuey			
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		U.S. PATENT	DOCUMENT		Date of Publication of	
Examiner Initials	Cite No.¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Substitute for For	m 1449B/PTO			Con	nplete if Known		
				Application Number	10/630,173		
			CLOSURE	Filing Date	July 30, 2003		
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Eectronic Version v18 Stylesheet Version v18.0

Title of Invention

BUS-BASED APPLIANCE REMOTE CONTROL

Application Number:

10/630173

Confirmation Number:

7652

First Named Applicant:

Mark Chuey

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Attorney Docket Number: LEAR 04348 PUS / 04348

Search string:

(4750118 or 5191610 or 5402105 or Re35364 or 5715020 or 5731756 or 5751224 or 5841253 or 5949349 or 6002332 or 6021319 or 6025785 or 6049289 or Re36703 or 6078271 or 6081203 or 6127740 or 6130625 or 6131019 or 6154544 or 6166650 or 6175312 or 6181255 or 6191701 or 6271765 or 6308083 or 6333698 or 6414587 or RE37986 or 6525645 or 6556681 or 6559775 or 6320514 or 3456387 or 4167833 or 5109222 or 6362771 or 6634408 or 20020034303 or 20020126037 or 20020191794 or 20030016119

or 20030016139).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	1	4750118	1988-06-07	Heitschel et al.			
M	2	5191610	1993-03-02	Hill et al.			
M	3	5402105	1995-03-28	Doyle et al.			
M	4	Re35364	1996-10-29	Heitschel et al.			
\overline{M}	5	5715020	1998-02-03	Kuroiwa et al.			
M	6	5731756	1998-03-24	Roddy			
M	7	5751224	1998-05-12	Fitzgibbon			
	8	5841253	1998-11-24	Fitzgibbon et al.			•
2	9	5949349	1999-09-07	Farris et al.			
M	10	6002332	1999-12-14	King			
4	11	6021319	2000-02-01	Tigwell			

11 M	11	n	ır	ır	ı
(./	12	6025785	2000-02-15	Farris et al.	
11	13	6049289	2000-04-11	Waggamon et al.	
₹	14	Re36703	2000-05-16	Heitschel et al.	
W	15	6078271	2000-06-20	Roddy et al.	
M	16	6081203	2000-06-27	Fitzgibbon	
M	17	6127740	2000-10-03	Roddy et al.	
M	18	6130625	2000-10-10	Harvey	
100	19	6131019	2000-10-10	King	
W	20	6154544	2000-11-28	Farris et al.	
M	21	6166650	2000-12-26	Bruwer	
M	22	6175312	2001-01-16	Bruwer et al.	B1
M	23	6181255	2001-01-30	Crimmins et al.	B1
Δ	24	6191701	2001-02-20	Bruwer	B1
1	25	6271765	2001-08-07	King et al.	B1
M	26	6308083	2001-10-23	King	B2
3	27	6333698	2001-12-25	Roddy	B1
M	28	6414587	2002-07-02	Fitzgibbon	B1
M	29	RE37986	2003-02-11	Heitschel et al.	Ε
M	30	6525645	2003-02-25	King et al.	B2
M	31	6556681	2003-04-29	King	B2
W	32	6559775	2003-05-06	King	B1
M	33	6320514	2001-11-20	Flick	B1
M	34	3456387	1969-07-22	C. A.Tolson	
M	35	4167833	1979-09-18	Farina et al.	•
M	36	5109222	1992-04-28	Welty	
W	37	6362771	2002-03-26	Schofield et al.	B1
M	38	6634408	2003-10-21	Mays	B2

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
M	1	20020034303	2002-03-21	Farris et al.	-A1		
MX	2	20020126037	2002-09-12	Fitzgibbon	A1		
719	3	20020191794	2002-12-19	Farris et al.	A1		
*	4	20030016119	2003-01-23	Teich	A1		

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of Invention

BUS-BASED APPLIANCE REMOTE CONTROL

Application Number:

10/630173

Confirmation Number:

7652

First Named Applicant:

Mark Chuey

Attorney Dock

Attorney Docket Number: LEAR 04348 PUS / 04348

Search string:

(5680134 or 5841390 or 6005508 or 6243000

or 6249673 or 6359558 or 6441719 or 6556813

or 20020137479 or 20020163440 or 20030067394 or 20030076235 or

20030189530).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
N	1	5680134	1997-10-21	Tsui			
7	2	5841390	1998-11-24	Tsui			
M	3	6005508	1999-12-21	Tsui			
M	4	6243000 ⁻	2001-06-05	Tsui			
1/9	5	6249673	2001-06-19	Tsui			
N	6	6359558	2002-03-19.	Tsui			
M	7	6441719	2002-08-27	Tsui		•	
M	8	6556813	2003-04-29	Tsui			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

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W	3	20030067394	2003-04-10	Tsui			

W 4	20030076235	2003-04-24	Tsui		
5	20030189530	2003-10-09	Tsui]	
Signature	Examiner Nan	ne		Date	
m	101		2/21/06		

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Title of Invention

BUS-BASED APPLIANCE REMOTE CONTOL

Application Number:

10/630173

Confirmation Number:

7652

First Named Applicant:

Mark Chuey

Attorney Docket IV

Attorney Docket Number: LEAR 04348 PUS / 04348

Search string:

(5154617 or 5278547 or 5455716 or 5442340 or 5475366 or 5479155 or 5583485 or 5614885 or 5614891 or 5619190 or 5646701 or 5627529 or 5661455 or 5661651 or 5661804 or 5686903 or 5691848 or 5699044 or 5699054 or 5699055 or 5708415 or 5793300 or 5845593 or 5903226

or 5940000 or 6091343 or 6137421 or

20020190872 or 20020197955 or 20030197594

or 20030197595 or 20030216139 or

20030228879).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
M	1	5154617	1992-10-13	Suman et al.			
14	2	5278547	1994-01-11	Suman et al.			
M	3	5455716	1995-10-03	Suman et al.			
M	4	5442340	1995-08-15	Dykema			
M	5	5475366	1995-12-12	Van Lente et al.			
M	6	5479155	1995-12-26	Zeinstra et al.			
914	7	5583485	1996-12-10	Van Lente et al.			
70	8	5614885	1997-03-25	Van Lente et al.			
M	9	5614891	1997-03-25	Zeinstra et al.			
W	10	5619190	1997-04-08	Duckworth et al.			
97)	11	5646701	1997-07-08	Duckworth et al.			
M	12	5627529	1997-05-06	Duckworth et al.			
m	13	5661455	1997-08-26	Van Lente et al.			

I					
M	14	5661651	1997-08-26	Geschke et al.	
111	15	5661804	1997-08-26	Dykema et al.	
	16	5686903	1997-11-11	Duckworth et al.	
m	17	5691848	1997-11-25	Van Lente et al.	
m	18	5699044	1997-12-16	Van Lente et al.	
O'S	19	5699054	1997-12-16	Duckworth	
[AV]	20	5699055	1997-12-16	Dykema et al.	
Su)	21	5708415	1998-01-13	Van Lente et al.	
M	22	5793300	1998-08-11	Suman et al.	
W	23	5845593	1998-12-08	Birkestrand	
M	24	5903226	1999-05-11	Suman et al.	
71	25	5940000	1999-08-17	. Dykema	
m	26	6091343	2000-07-18	Dykema et al.	
M	27	6137421	2000-10-24	Dykema	

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
W	1 .	20020190872	2002-12-19	Suman et al.	:.		•
m	2	20020197955	2002-12-26	Witkowski et al.			. 0
21	3	20030197594	2003-10-23	Olson et al.			
M	4	20030197595	2003-10-23	Olson et al.			
W	. 5	20030216139	2003-11-20	Olson et al.			
m	6	20030228879	2003-12-11	Witkowski et al.			

Signature

Examiner Name	Date
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Title of Invention

BUS-BASED APPLIANCE REMOTE CONTROL

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Search string:

(4750118 or 5191610 or 5402105 or Re35364

or 5715020 or 5731756 or 5751224 or 5841253 or 5949349 or 6002332 or 6021319 or 6025785 or 6049289 or Pe36703 or 6078271 or 6081203

or 6049289 or Re36703 or 6078271 or 6081203 or 6127740 or 6130625 or 6131019 or 6154544 or 6166650 or 6175312 or 6181255 or 6191701 or 6271765 or 6308083 or 6333698 or 6414587 or RE37986 or 6525645 or 6556681 or 6559775 or 6320514 or 3456387 or 4167833 or 5109222

or 6362771 or 6634408 or 20020034303 or 20020126037 or 20020191794 or 20030016119

or 20030016139).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
W	1	4750118	1988-06-07	Heitschel et al.			
M	2	5191610	1993-03-02	Hill et al.			
1/4	3	5402105	1995-03-28	Doyle et al.			
N'	4	Re35364	1996-10-29	Heitschel et al.			
1	5	5715020	1998-02-03	Kuroiwa et al.			
W	6	5731756	1998-03-24	Roddy			
W	7	5751224	1998-05-12	Fitzgibbon			
W.	8	5841253	1998-11-24	Fitzgibbon et al.			•
	9	5949349	1999-09-07	Farris et al.			
W	10	6002332	1999-12-14	King			
M	11	6021319	2000-02-01	Tigwell			

M	12	6025785	2000-02-15	Farris et al.	
M	13	6049289	2000-04-11	Waggamon et al.	
M	14	Re36703	2000-05-16	Heitschel et al.	
1	15	6078271	2000-06-20	Roddy et al.	
M	16	6081203	2000-06-27	Fitzgibbon	
M	17	6127740	2000-10-03	Roddy et al.	
W	18	6130625	2000-10-10	Harvey	
4	19	6131019	2000-10-10	King	
W	20	6154544	2000-11-28	Farris et al.	
7~	21	6166650	2000-12-26	Bruwer	
m	22	6175312	2001-01-16	Bruwer et al.	B1
W	23	6181255	2001-01-30	Crimmins et al.	B1
W	24	6191701	2001-02-20	Bruwer	B1
WY	25	6271765	2001-08-07	King et al.	B1
~	26	6308083	2001-10-23	King	B2
WY	27	6333698	2001-12-25	Roddy	B1
M	28	6414587	2002-07-02	Fitzgibbon	B1
3	29	RE37986	2003-02-11	Heitschel et al.	Ε
W	30	6525645	2003-02-25	King et al.	B2
2	31	6556681	2003-04-29	King	B2
71/	32	6559775	2003-05-06	King	B1
M	33	6320514	2001-11-20	Flick	B1
14	34	3456387	1969-07-22	C. A.Tolson	<u>_</u>
m	35	4167833	1979-09-18	Farina et al.	
m	36	5109222	1992-04-28	Welty	
m	37	6362771	2002-03-26	Schofield et al.	B1
M	38	6634408	2003-10-21	Mays	B2

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
M	1	20020034303	2002-03-21	Farris et al.	A1		
M	2	20020126037	2002-09-12	Fitzgibbon	A1		•
m	3	20020191794	2002-12-19	Farris et al.	A1		•
3	4	20030016119	2003-01-23	Teich	A1		

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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20030189530).pn.

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M	1	5680134	1997-10-21	Tsui			
M	2	5841390	1998-11-24	Tsui			
M	3	6005508	1999-12-21	Tsui			
\sim	4	6243000 ⁻	2001-06-05	Tsui			
M	5	6249673	2001-06-19	Tsui			
M	6	6359558	2002-03-19.	Tsui			
M		6441719	2002-08-27	Tsui		•	
7	8 .	6556813	2003-04-29	Tsui			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
M	1	20020137479	2002-09-26	Tsui			
M	2	20020163440	2002-11-07	Tsui			
m	3	20030067394	2003-04-10	Tsui			

	20030076235	2003-04-24	Tsui	J		
M 5	20030189530	2003-10-09	Tsui		┚╢	
Signature						
	Examiner Nan	ne		Date		
m 5/21/00						
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or 5940000 or 6091343 or 6137421 or

20020190872 or 20020197955 or 20030197594

or 20030197595 or 20030216139 or

20030228879).pn.

US Patent Documents

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
₹	1	5154617	1992-10-13	Suman et al.			
$\overline{\mathcal{M}}$	2	5278547	1994-01-11	Suman et al.			
M	3	5455716	1995-10-03	Suman et al.			
7	4	5442340	1995-08-15	Dykema			
M	5	5475366	1995-12-12	Van Lente et al.			
M	6	5479155	1995-12-26	Zeinstra et al.			
M	7	5583485	1996-12-10	Van Lente et al.			
M	8	5614885	1997-03-25	Van Lente et al.			
W	9	5614891	1997-03-25	Zeinstra et al.			
TY.	10	5619190	1997-04-08	Duckworth et al.			
U.	11	5646701	1997-07-08	Duckworth et al.			
M	12	5627529	1997-05-06	Duckworth et al.	!		. 8
M	13	5661455	1997-08-26	Van Lente et al.			

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M	14	5661651	1997-08-26	Geschke et al.
w	15	5661804	1997-08-26	Dykema et al.
W!	16	5686903	1997-11-11	Duckworth et al.
an	17	5691848	1997-11-25 ⁻	Van Lente et al.
W	18	5699044	1997-12-16	Van Lente et al.
gni	19	5699054	1997-12-16	Duckworth
W	20	5699055	1997-12-16	Dykema et al.
M	21	5708415	1998-01-13	Van Lente et al.
34	22	5793300	1998-08-11	Suman et al.
W	23	5845593	1998-12-08	Birkestrand
24	24	5903226	1999-05-11	Suman et al.
an	25	5940000	1999-08-17	Dykema
W	26	6091343	2000-07-18	Dykema et al.
W	27	6137421	2000-10-24	Dykema

US Published Applications

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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
W	1.	20020190872	2002-12-19	Suman et al.	:,		
	2	20020197955	2002-12-26	Witkowski et al.			
M	3	20030197594	2003-10-23	Olson et al.			
M	4	20030197595	2003-10-23	Olson et al.			
M	. 5	20030216139	2003-11-20	Olson et al.			
M	6	20030228879	2003-12-11	Witkowski et al.			

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Examiner Name	, Date
M &	2/21/06

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) Application Number 10630173 Filing Date 2003-07-30 First Named Inventor Mark D. Chuey Art Unit 2632 Examiner Name Unknown Attorney Docket Number LEAR 04348 PUS

·				U.S.	PATENTS	Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
rW)	1	4806930		1989-02-21	Wojciak, Jr.	
M	2	5554977		1996-09-10	Jablonski, Jr.	
W	3	5831548		1998-11-03	Fitzgibbon	·
No	4	5872513		1999-02-16	Fitzgibbon, et al.	
8	5	6008735		1999-12-28	Chiloyan, et al.	
W	6	6043753		2000-03-28	Okayasu, et al.	
W	7	6690796		2004-02-10	Farris, et al.	
Mrs	8	6810123		2004-10-26	Farris, et al.	

Application Number 10630173 4, Filing Date 2003-07-30 INFORMATION DISCLOSURE First Named Inventor Mark D. Chuey STATEMENT BY APPLICANT **Art Unit** 2632 (Not for submission under 37 CFR 1.99) **Examiner Name** Unknown LEAR 04348 PUS **Attorney Docket Number**

NS	9	6822603		2004-11-24	Crimmins, et al.						
W	10	5473317		1995-12-05	Inomata et al.						
W	11	6344817		2002-02-05	Verzulli						
W	12	6597291		2003-07-22	Tsui						
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M	1	20020075133	A1	2002-06-20	Flick, Kenneth E.						
W	2	20030033540	A1	2003-02-13	Fitzgibbon, James J.						
W	3	20030118187	A1	2003-06-26	Fitzgibbon, James J.						
M	4	20040048622	A1	2004-03-11	Witkowski, Todd R., et al.						
M	5	20040066936	A1	2004-04-08	Farris, Bradford L., et al.						

4				Applic	ation N	umber		10630173				
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INFORMATION DISCLOSURE				First Named Inventor Mark D				D. Chuey				
STATEMENT BY APPLICANT			Art Ur	nit			2632					
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·				Attorn	Attorney Docket Number			LEAR 04348 PU	S			
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M	6	20040110472	A1	2004-06-10		Witkowski, Todd R., et al.						
N/S	7	20040243813	A1	2004-12-02		Farris, Bra	Farris, Bradford L., et al.					
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